

INTERAGENCY ECOLOGICAL PROGRAM 2006 ANNUAL WORKSHOP

**MARCH 1-3, 2006
ASILOMAR CONFERENCE GROUNDS
PACIFIC GROVE, CA**



**Interagency
Ecological Program**

**COOPERATIVE ECOLOGICAL
INVESTIGATIONS SINCE 1970**

AGENDA - WEDNESDAY, MARCH 1

GENERAL UPDATES (Moderator: Fred Feyrer, DWR)

- 1:00-1:20 Welcome**
Chuck Armor, DFG
- 1:20-1:40 California Water and Environmental Modeling Forum Updates**
KT Shum, EBMUD/Convener
- 1:40-2:00 California Bay-Delta Authority Updates**
TBA
- 2:00-2:20 Interagency Ecological Program Redbook Review**
Chuck Armor, DFG

2:20-2:40 Break

INTERAGENCY ECOLOGICAL PROGRAM AND CALIFORNIA WATER AND ENVIRONMENTAL MODELING FORUM JOINT SESSION (Moderator: Steve Slater, DFG)

- 2:40-3:00 Resources Department Program to Address Global Warming**
Francis Chung, DWR
- 3:00-3:20 San Joaquin River Valley CalSim-II Peer Review**
Jay Lund, UCD
- 3:20-3:40 Predation Losses of Steelhead in Clifton Court Forebay**
Chuck Hanson, Hanson Environmental
- 3:40-4:00 South Delta Fish Studies**
Lenny Grimaldo, DWR
- 4:00-4:15 Habitat Availability Limits Production of Age-0 Splittail**
Fred Feyrer, DWR

INTERAGENCY ECOLOGICAL PROGRAM REGISTRATION

CALIFORNIA WATER AND ENVIRONMENTAL MODELING FORUM BREAKOUT SESSIONS

4:15-6:00

DINNER

6:00-7:00

FEATURE SPEAKER AND RECEPTION

- 7:00-9:00 Dr. Ted Melis, acting chief of the USGS Grand Canyon Research and Monitoring Center, will speak on the Glen Canyon Adaptive Management Program**

AGENDA - THURSDAY, MARCH 2

BREAKFAST

7:30-8:15

ANNOUNCEMENTS

8:15-8:20

PELAGIC ORGANISM DECLINE (POD) I - INTRODUCTION

8:20-8:40 2005 Study Overview

Chuck Armor, DFG

8:40-9:20 Analyses of Long-term Abundance Trends

Bryan Manly, WEST Inc.

9:20-9:40 Fish Length, Diet and Condition Analyses

Randy Baxter, DFG

9:40-10:00 Fish Origin and Growth

Bill Bennett, UCD

10:00-10:20 Break

POD II – TOXICS AND INVASIVE SPECIES EFFECTS

10:20-10:40 Contaminant Trends

Daniel Oros, SFEI

10:40-11:00 Fish Histopathology

Swee Teh, UCD

11:00-11:20 Aquatic Organism Bioassays

Inge Werner, UCD

11:20-11:40 Microcystis Distribution & Effects

Peggy Lehman, DWR

11:40-12:00 Benthos Trends

Marc Vayssières, DWR

LUNCH

12:00-1:00

POD III – OPERATIONS AND FLOW EFFECTS

1:00-1:20 Pelagic Fishes Physical Habitat Analyses

Matt Nobriga, DWR

1:20-1:40 Trends in Flows and Exports

Cathy Ruhl, USGS

1:40-2:00 Results of Particle Tracking Modeling

Mike Mierzwa, DWR

2:00-2:20 Salvage Data

Bruce Herbold, EPA

2:20-2:40 Break

POD IV – THE BIG PICTURE

2:40-3:00 POD Synthesis & Study Plan Overview

3:00-3:30 Q & A

3:30-6:00 Break

DINNER

6:00-7:00

POSTER SESSION AND SOCIAL

7:00-9:00

AGENDA - FRIDAY, MARCH 3

BREAKFAST

7:30-8:15

ANNOUNCEMENTS

8:15-8:20

RECENT ADVANCES IN DELTA HYDRODYNAMICS AND IMPLICATIONS FOR MONITORING, MANAGEMENT, AND ECOLOGY (Moderator: Lisa Lucas, USGS)

8:20-8:40 Transport in the Delta: A Regional Perspective

Jon Burau, USGS

8:40-9:00 Back to Basics about Residence Time: How to Communicate the Transport Timescales that are Important in our Work

Nancy Monsen, USGS

9:00-9:20 Studying Delta Channels: Challenges and Obstacles

Derek Fong, Stanford

9:20-9:40 Channel-Shallow Exchange in the Delta and the Implications for Habitat Restoration and Delta Water Quality

Mark Stacey, UCB

9:40-10:00 TBA

Stephen Monismith, Stanford

10:00-10:20 Break

ANADROMOUS FISHES (Moderator: Bruce Oppenheim, NMFS)

10:20-10:40 Determining Spawning Population Estimates for Green Sturgeon with Microsatellite DNA

Josh Israel, UCD

10:40-11:00 Ocean Tracking of Green Sturgeon

Steve Lindley, NOAA Fisheries

11:00-11:20 San Francisco Estuary Tracking of Green Sturgeon

Joe Heublein, SFSU

11:20-11:40 Chinook Salmon Monitoring at Mossdale

Tim Heyne, DFG

11:40-12:00 Rotary Screw Trap Monitoring of Chinook Salmon

Colleen Harvey & Robert Vincik, DFG

12:00-12:10 Concluding Remarks

Chuck Armor, DFG

LUNCH

12:00-1:00 (Boxed lunch available if requested on registration form)